

## **Senotex Application Notes**

Senotex is a product manufactured by H. B. Fuller Company. It is 100% solids and is designed to be applied with plural component equipment. For the test application on gate #1 the Rock Island District Corps of Engineers maintenance crew abrasive blasted the surface using a #7 flint abrasive to produce a surface profile consistently in excess of 100 microns (4 mils) with some measurements in the 150 - 200 micron (6-8 mil) range. The surface met the requirements of SSPC SP5 White Metal Blast. The paint was to be applied by a contractor identified by the manufacturer as a qualified applicator.

On Monday the surface was prepared by mid morning and the applicator set up the heated airless equipment for the application. Ambient temperature was approximately 26° C (80° F). The 2 components of the paint were heated to the 35-43° C (95-110° F) range. Mix ratio was 2:1. Constant problems with plugging of the equipment were encountered. By 7:30 PM a total of approximately .5 m<sup>2</sup> (6 ft<sup>2</sup>) had been coated.

On Tuesday the same procedure was followed with the same difficulties. By the end of the day the applicator had wasted so much paint that the test area could not be completed.

On Friday the applicator had acquired additional paint as well as all new hoses. The area was reblasted and the coating applied with relative ease.

Coating thickness ranged from 2125-2250microns (85-90 mils) in a lower corner to a typical 1000 microns (40 mils) on the majority of the remaining area. The coating was relatively clear with hiding occurring at approximately 375 microns (15mils).